Inventor: Bruce J. Thompson et al.
Docket No.: 40134.1US11
Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A
PATIENT CARE ENVIRONMENT
Attorney Name: Timothy B. Scull
Phone No.: 303.357.1670
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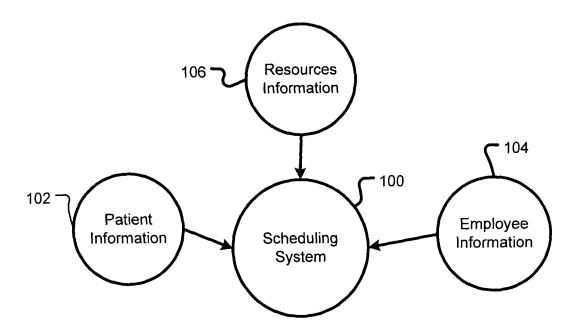


Fig. 1

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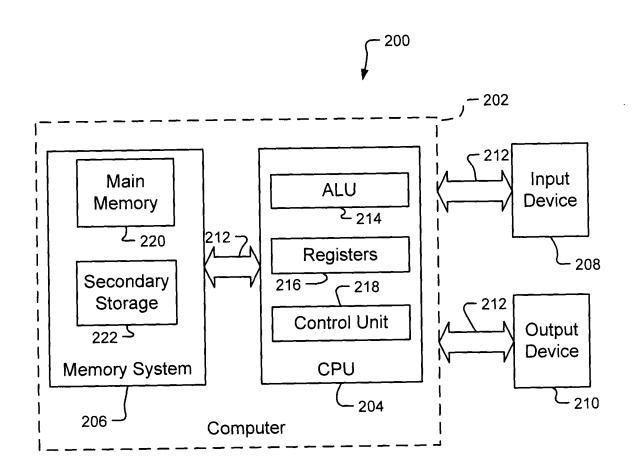


Fig. 2

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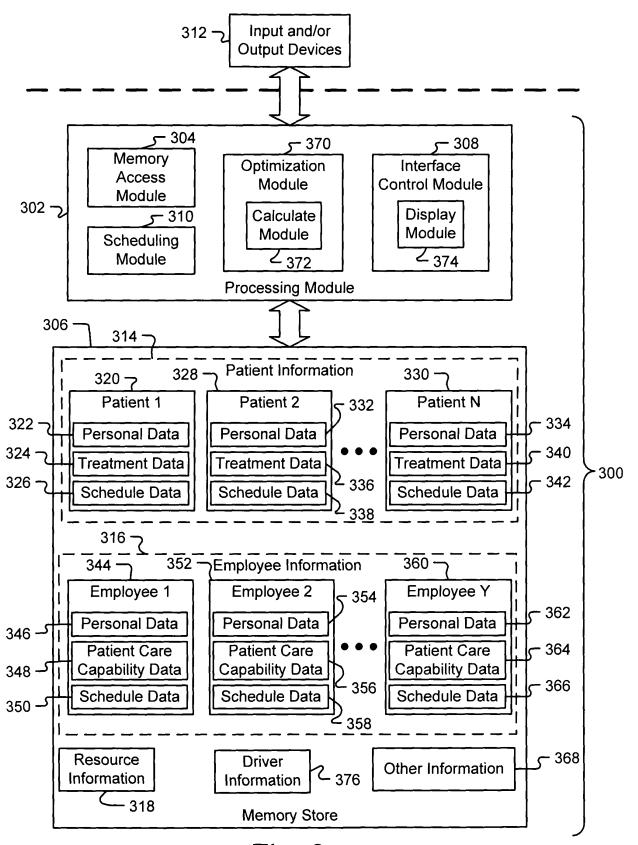
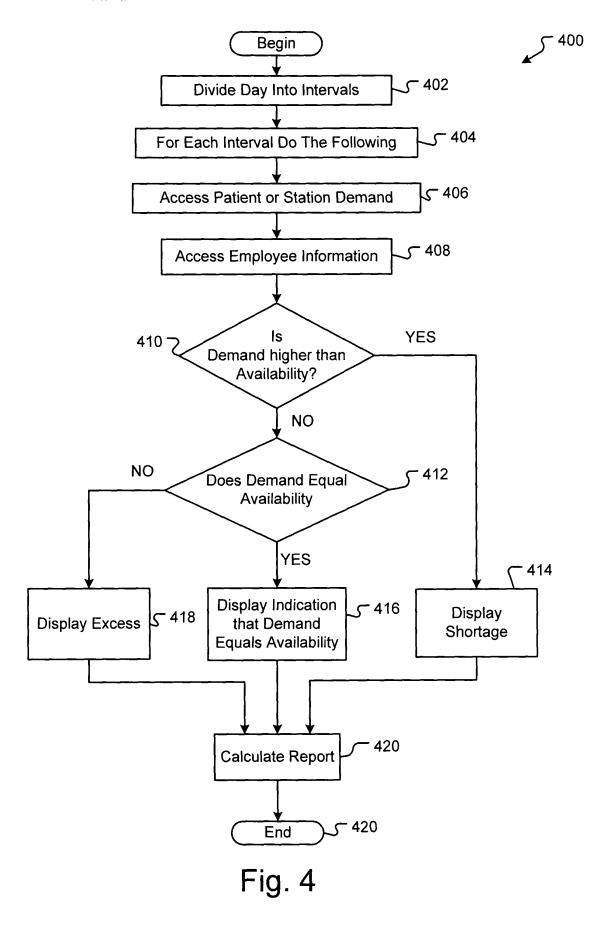


Fig. 3

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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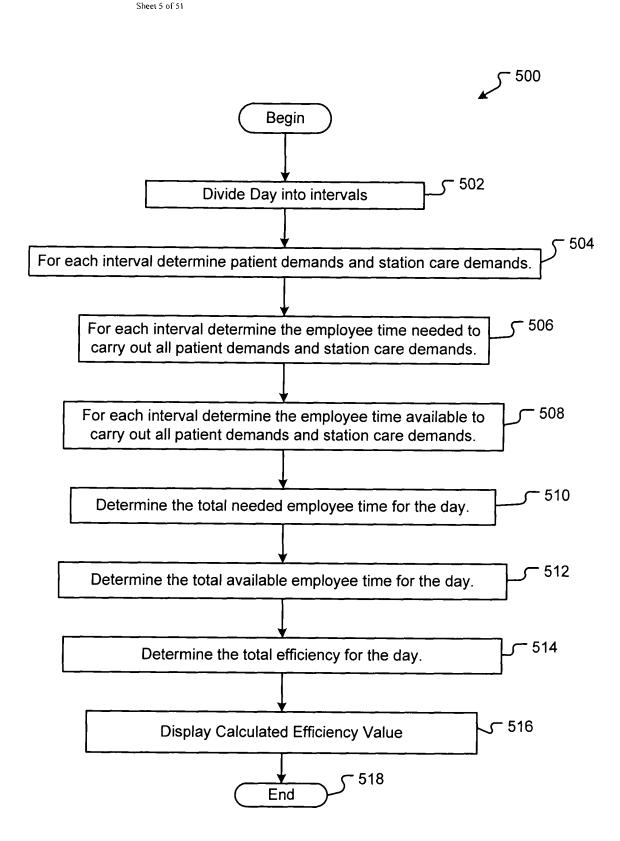


Fig. 5

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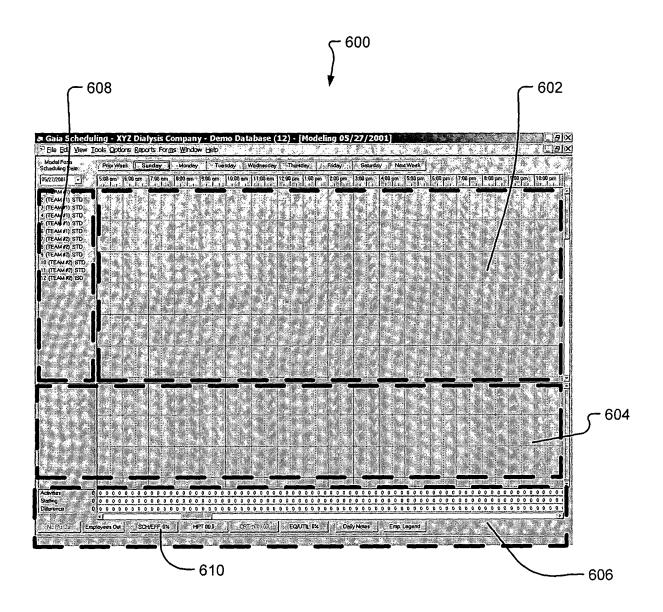


Fig. 6

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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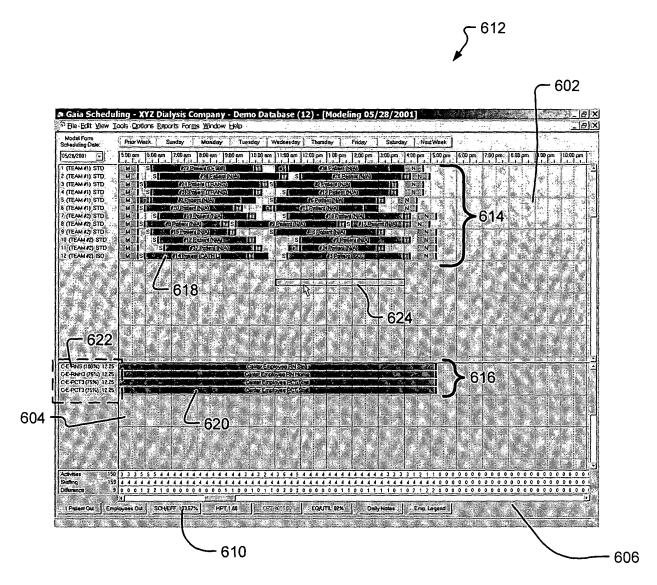


Fig. 7

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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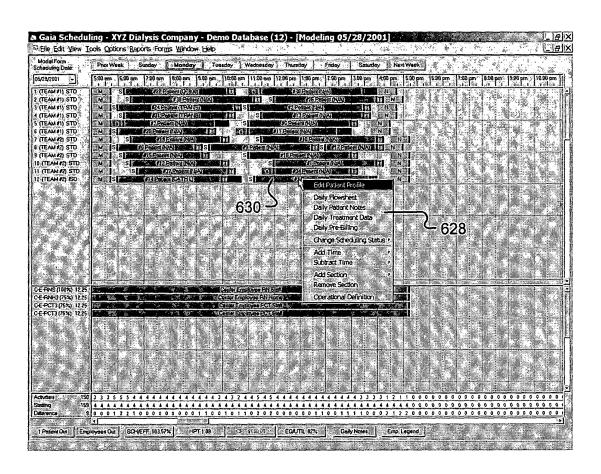


Fig. 8

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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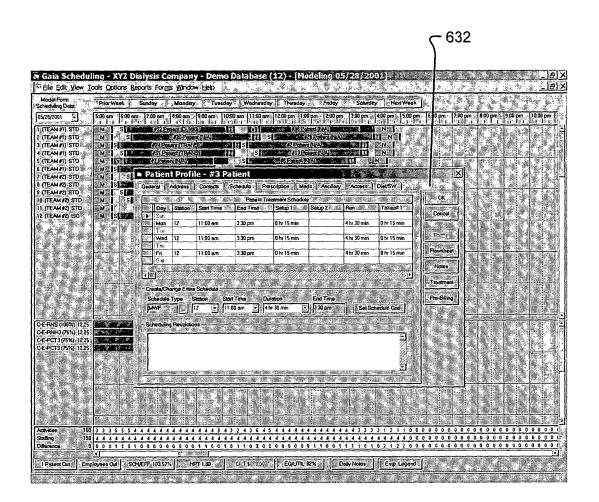


Fig. 9

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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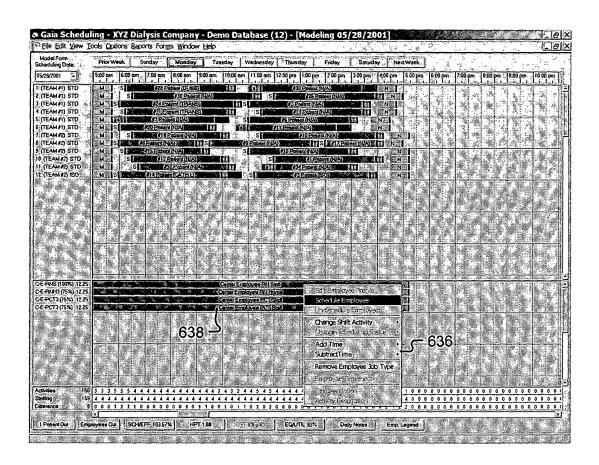


Fig. 10

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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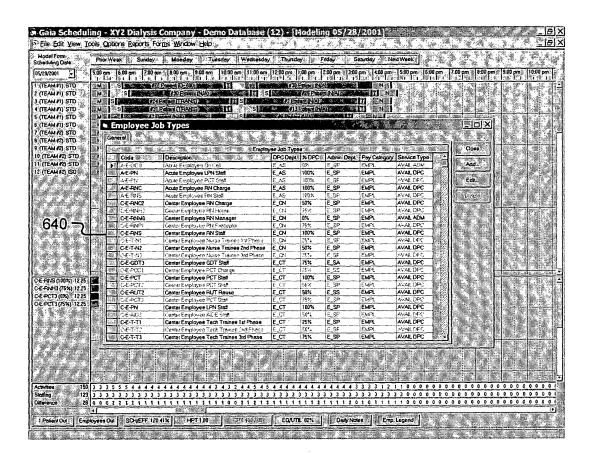


Fig. 11

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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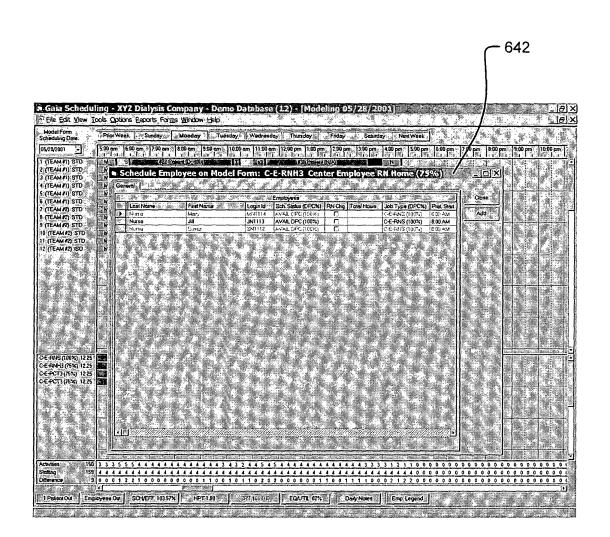


Fig. 12

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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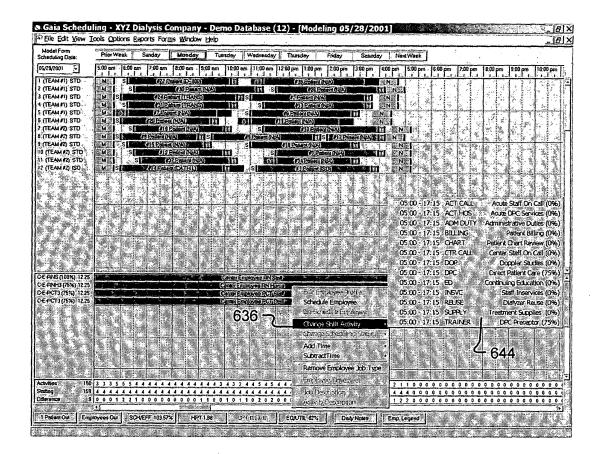


Fig. 13

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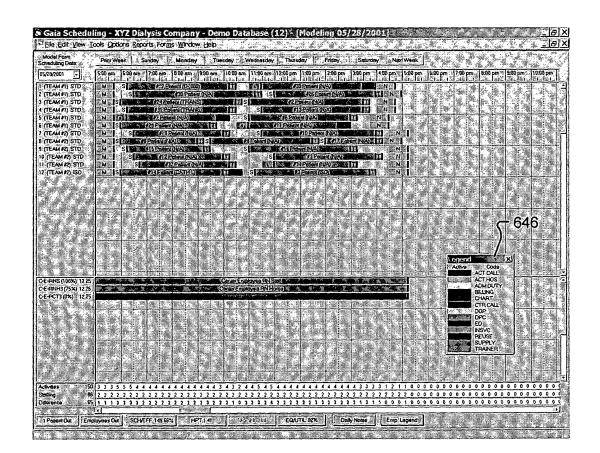


Fig. 14

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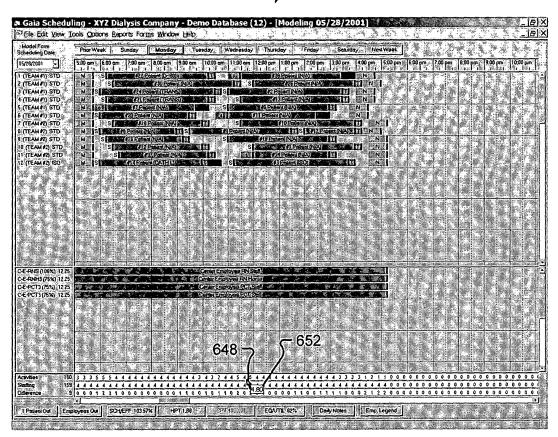


Fig. 15

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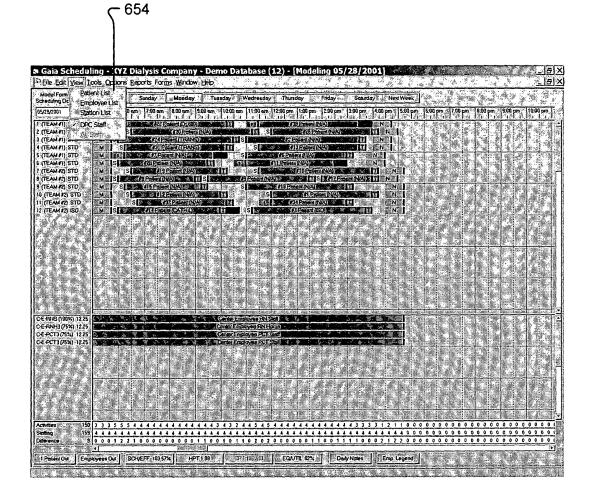


Fig. 16

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	WIN COLLEGE	# Y W	Same and the same		8 5 A C	Active Petients	2000 K	
	Last Name	First	Patentid /	DOB .	Sch. Status	Modality //	Run Type	
	Peters	27				CTRHEMO	N/A	
	Patient	#18	259205	08/08/1929		CTR HEMO	N/A	
	<u>a</u> terri	#15		G8/00/1947	ACTV	CTRHEMO	N/A	
	Patient	₽30	087885	09/01/1940	ACTV	CTRHEMO	NA	
-	Sedent Petient	#8 #10	24(H)10 168826	02/27/1933		CTR HEMO	N/A	
	Pedera	#13		13/44/1933		(TRHEM)	ITEA	
	Patient	#11		09/06/1959		CTRHEMO	N/A	
	Peurot	#9		0:273/1947	ACTV	CTRHEMO	IVA	
	Patient	#6	173947	07/28/1934		CTRHEMO	INA	
	Peters	137	234731	03/26/1936	ACTV	CTRHEMO	N/A	
	Patient	#13				CTR HEMO	N/A	
	- ebeni	₹±1				CTRHEMO	TRANS	
-	Patient	#2		11/17/1946		CTRHEMO	NA	
	Falleri	#24				CTRHEMO	TEANS	
	Patient Patient	#38	017671	05/08/1941		CTRHEMO	N/A ()+ 8(4)	
	Petieri	#C2 #26	143665	67,61,1928 10/21/1918		CTRHEMO	N/A	
	Patient	\$20		10/24/1946		CTP HEM)	IVA IVA	
200	Pedient	#36		11/27/1907		CTRHEMO	NA NA	1
	2chent	F4		10/28/1940		CTRHEMO	N/A	
	Patient	#28		01/24/1931		CTRHEMO	NA	
	- eters	\$23				CTRHEMO	N/A	
	Patient	#32				CTRHEMO	N/A	
	California -	123		02/06/1049	ACTV	CTRHEMO	N/A	
	Patient	#5		05/11/1924		CTRHEMO	NA	
	Seiste -	#12		12/09/1947		(TRHEM)	luke -	
	Potient	#35		05/26/1971		CTRHEMO	N/A	
	Perind	#1 #15		13/01/1922	ACTV	CTPHENO	IVA	
	Patient Pohent	#16 #65		11/09/1934	ACIV ACIV	CTRHEMO CTRHEMO	N/A N/A	-
8300	Patient	#233				CTRHEMO	N/A	
	- cheri	#17				CTRHENO	N/A	
	Potient	13		03/03/1955	ACTV	CTRHEMO	iso	
	shart	314				CTR(HEME)	CATHL	
	Stient	#34	217599		ACTV ,	CTRHEMO	NA	
	~5:i3()	4 07	268097	10/15/1029	ACTV	CTF-HEMO	14v	
	Patient	#38	1	07/21/2000	DEC \	CTRHEMO	D-800	

Fig. 17

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Fig. 18

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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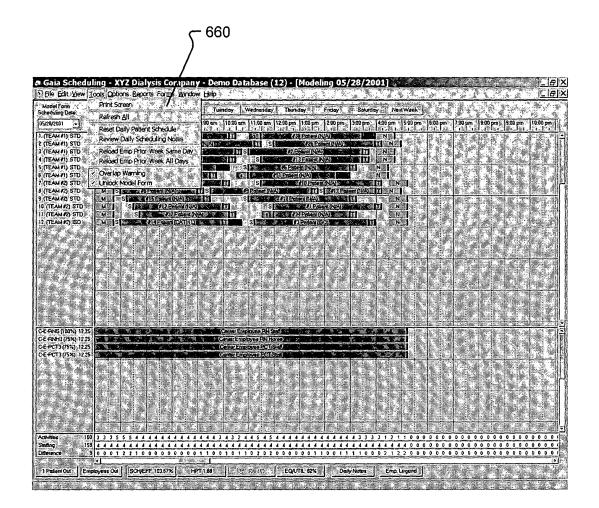


Fig. 19

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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- 662 🕭 Gaia Scheduling - XYZ Dialysis Company - Den File Edit View Tools Options Reports Forms Window Help <u> Leix</u> am | 1200 pm | 1300 pm | 200 pm | 300 pm | 400 pm | 500 pm | 600 pm | 7,00 p 05/28/2001 Patient Scheduling Status. 00 em I (TEAM#I) STD 2 (TEAM#I) STD 3 (TEAM#I) STD Patient Run Types... Patient Modality... . 5 M H Employee Shift Activities (TEAM #1) STD (TEAM #1) STD (TEAM #1) STD Employee Scheduling Status. Employee Job Types... (TEAM #2) STD (TEAM #2) STD (TEAM #2) STD (TEAM #2) STD S**1**2 Payroll Classifications INSTITUTE OF THE PROPERTY OF T Payroll Departments Payroll Pay Categories Payroll Pay Periods. M SILES Payroll Pay Types... Station Morning/Night Activities. Station Scheduling Status... Station Run Types... E-FNH3 (75%) 12.25 XE-PCT3 (75%) 12.25 XE-PCT3 (75%) 12.25 1 Posient Cul | Employees Out | SCHEFF 10357% | HPT 188 | SPT (10) (1) | EQUITE 62% | Daily Notes | Emp. Legend

Fig. 20

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

PATIENT CARE ENVIRONMENT Attorney Name: Timothy B. Scull Phone No.: 303.357.1670

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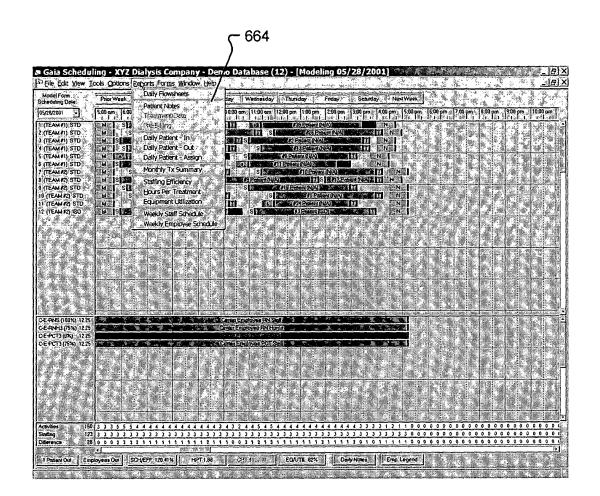


Fig. 21

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		pany - Demo Database (12) - [Modeling 05/28/2001]	
Model Form	cols Cottons Reports Forms V	Indow Sep 	&
Scheduling Date: 05/28/2001 😾		am 9.00 cm 10.000 cm 11.000 cm 12.00 pm 1.000 pm 2.00 pm 3.00 pm 4.00 pm 5.00 pm 6.00 pm 7.00 pm 6.00 pm 8.00 pm	10:00 pm
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ti ni and		Potien Care Staff Units: 196 49 hours 9 minutes	1-4-
			Lat.
		Distance Before Adjustments 46 [11 hours 30 mouths]	* # D
		Scheduling Efficiency %: 76.534*	# G N
			143
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		Arisistments (Age-Potient Cour) 66.00 15 hours 30 minutes	#
E-PONS (100%) 12.25		Adjustments (Non-Polism Core): [66.00 15 hours 30 minutes	13370
E-PNH3 (75%) 12.25		Diderence After Adjustments 40 10 hours 0 minutes	
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E-PCT3 (75%) 12.25		Staffing Efficiency % 120.41%	
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		Adjustments are calculated as follows 1/2 hour lunch for each shift over 41/2	
7 7 7		hours tong 1/4 hour brack for each 4 hours of work. Plus all OPC stall non-potient care time. You may modify the adjustments entry it you wish.	100
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	Potent Care HPT:	1.18		
	Administrative Hours Worked:	17.53		
🗓 کہ ن	Administrative HPT:	9.7		
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Fig. 23

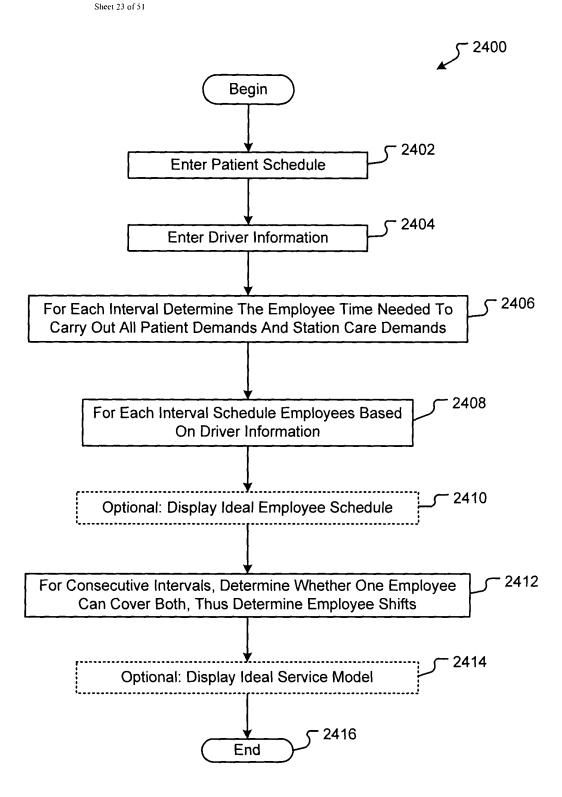


Fig. 24

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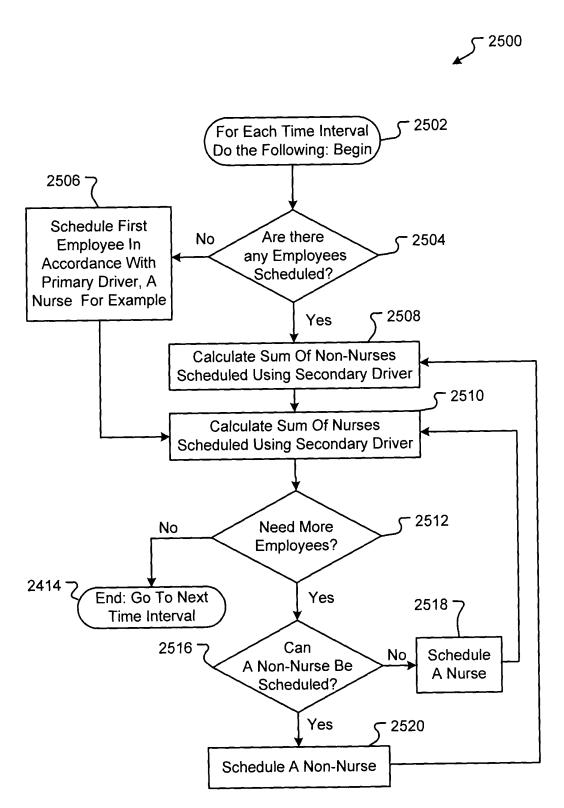


Fig. 25

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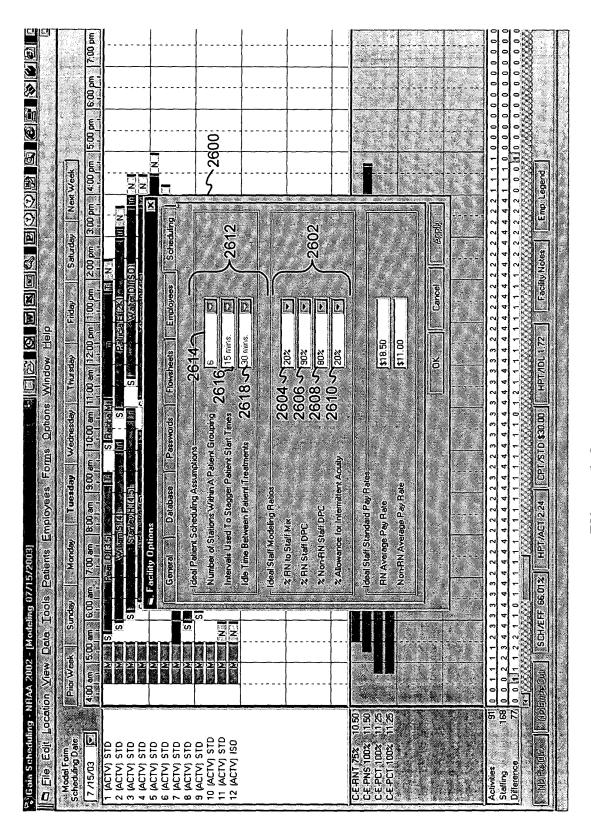


Fig. 26

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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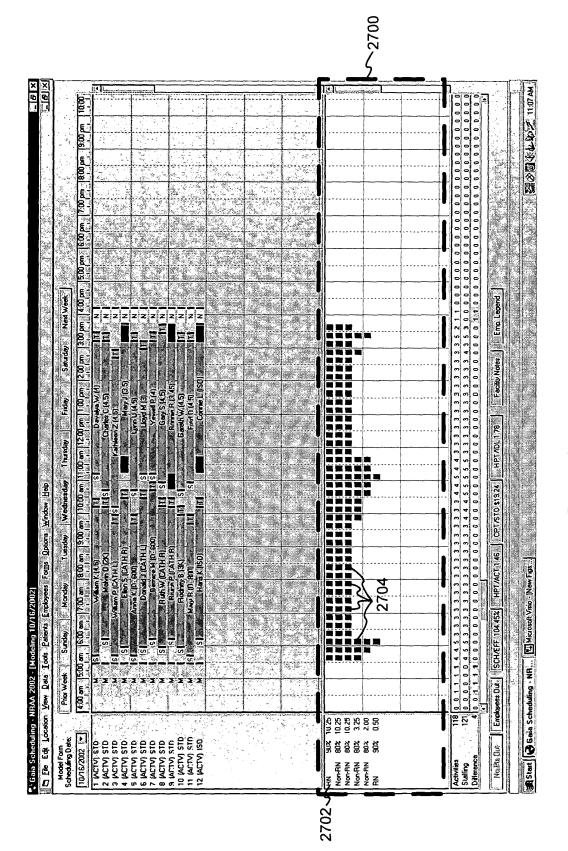


Fig. 27

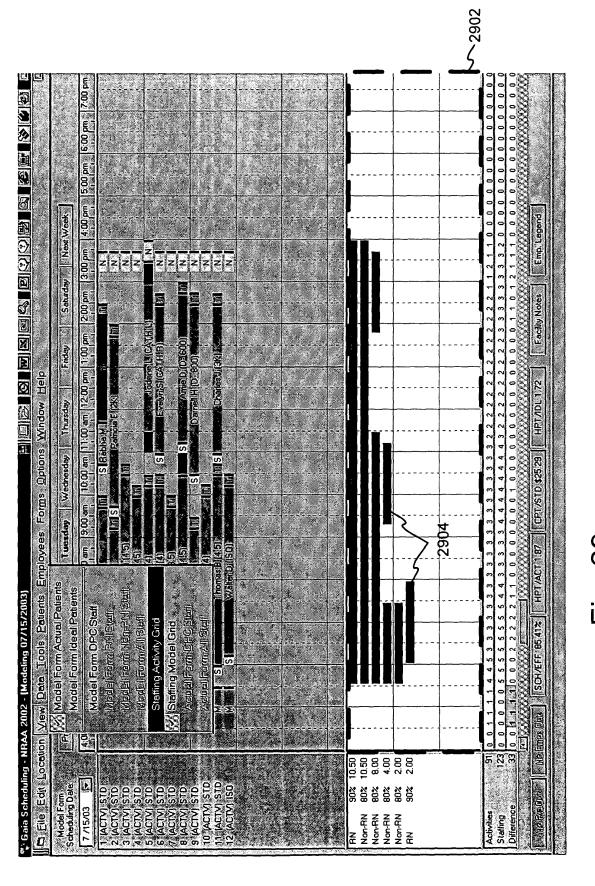
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6:00 pm DO BEDE DE LE COLOR DE LE COLO 5:00 pm |10:00 am | 11:00 am | 12:00 pm | 1:00 pm | 2:00 pm | 4:00 pm | z Emp. Legend Tuesdag Wednesday Thursday Fiiday Salurday Next Week Z N Z Arrest Control ~2806 Facility Notes × 区113章 0 -28040 10.5 -2805 S 11 8 22 3 (CF) Forms Options Window Help HPTADL 1.72 D 8.5 Cancel 0 S Σ rideal Staff Scheduing - Acceptable Shift Len 8 CPT/STD \$21.22 <u>6</u> Yo 14 Per Atrachanishikan Atrachanishikan Abacanishikan Alaharanishikan **→ D** 6:00 am | 7:00 am | 8:00 am | 9:00 am 1800/HG1 🛶 Staffing Model Grid Walicasius) * Sericollium * Sericollium
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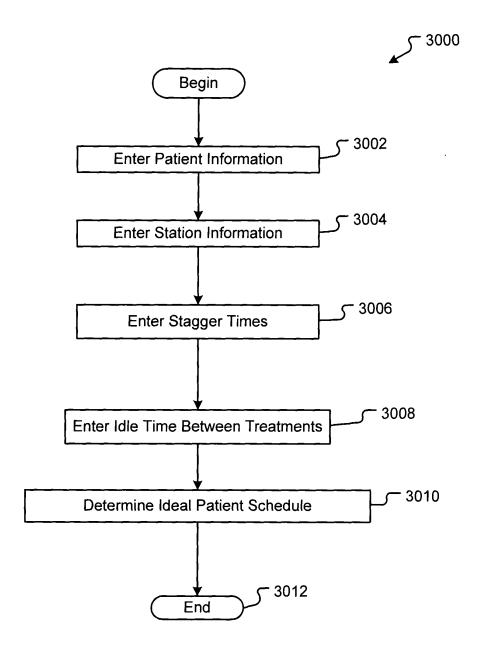
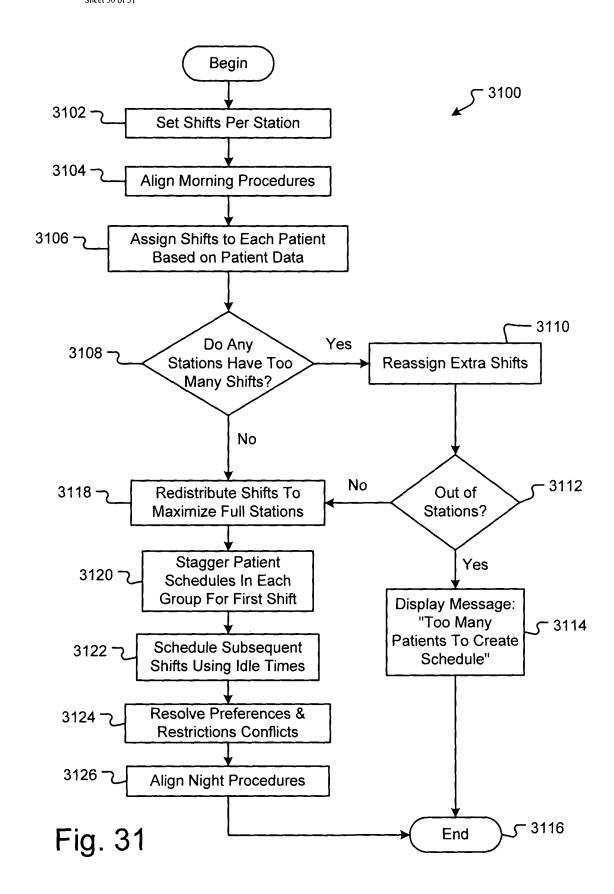


Fig. 30

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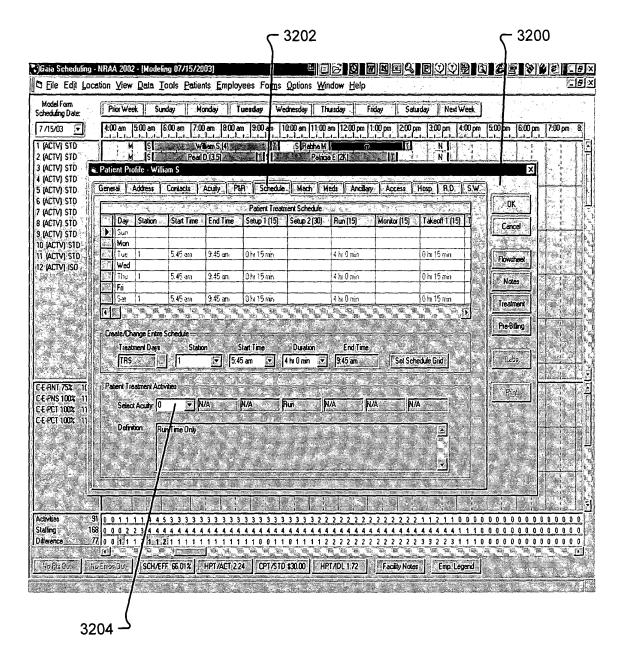


Fig. 32

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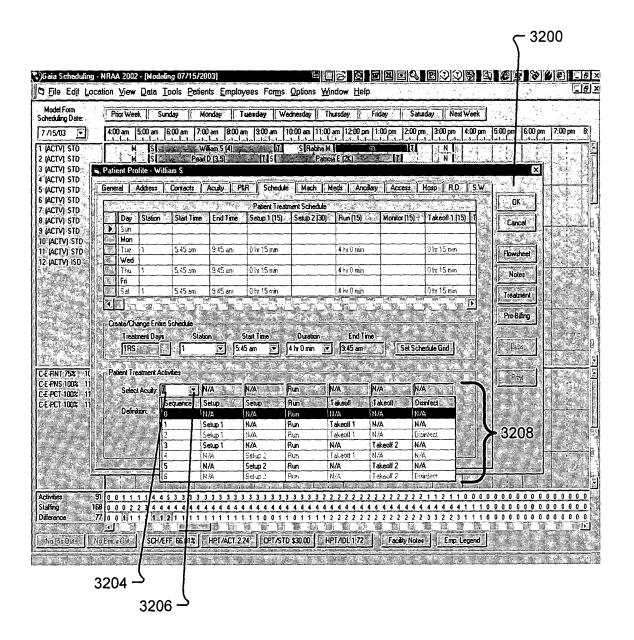


Fig. 33

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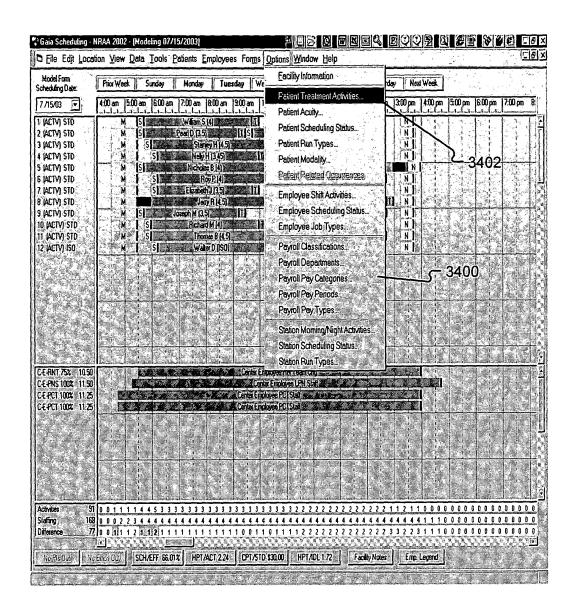


Fig. 34

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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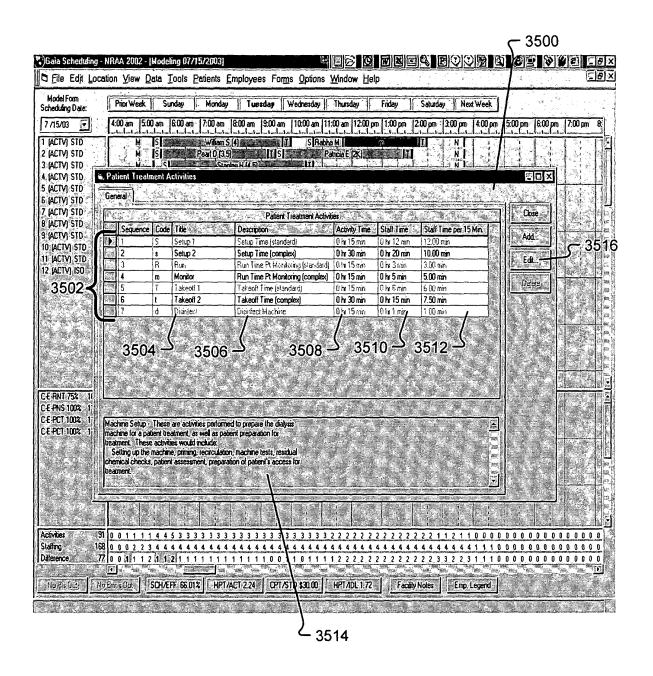


Fig. 35

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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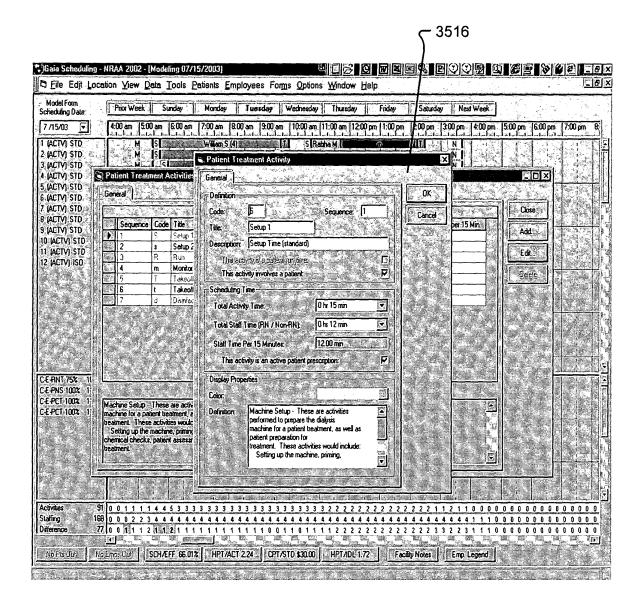


Fig. 36

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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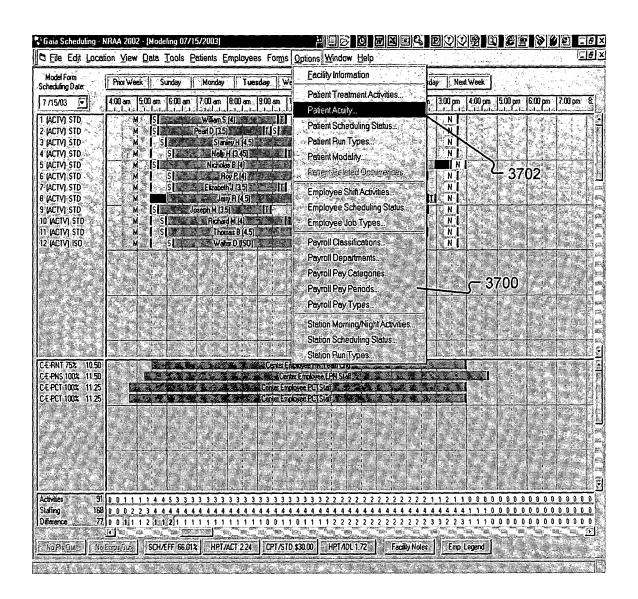


Fig. 37

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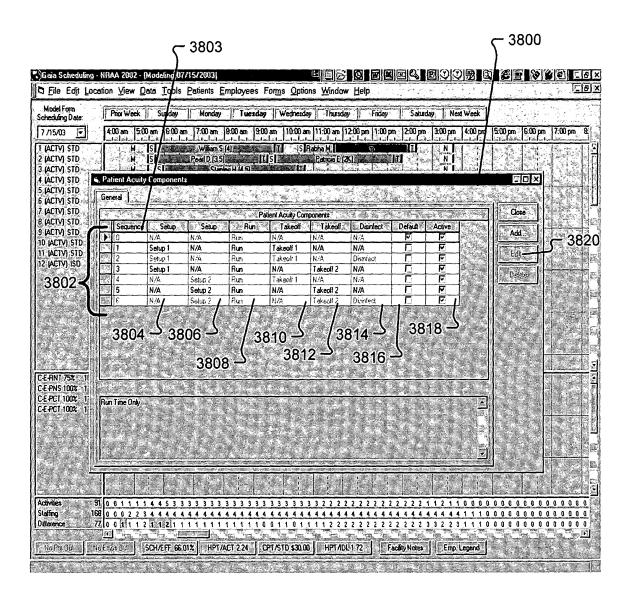


Fig. 38

Inventor. Bruce J. Thompson et al. Docket No.: 40134.1USI1

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

PATIENT CARE ENVIRONMENT Attorney Name: Timothy B. Scull Phone No.: 303.357.1670

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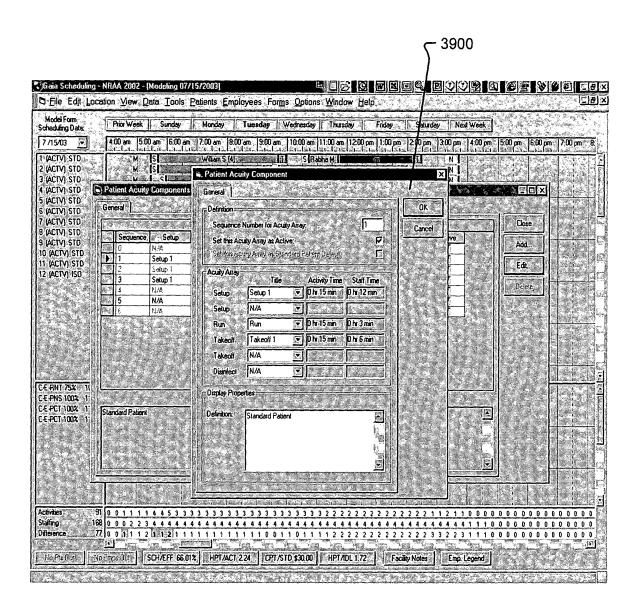


Fig. 39

Inventor: Bruce J. Thompson et al. Docket No.: 40134.1US11

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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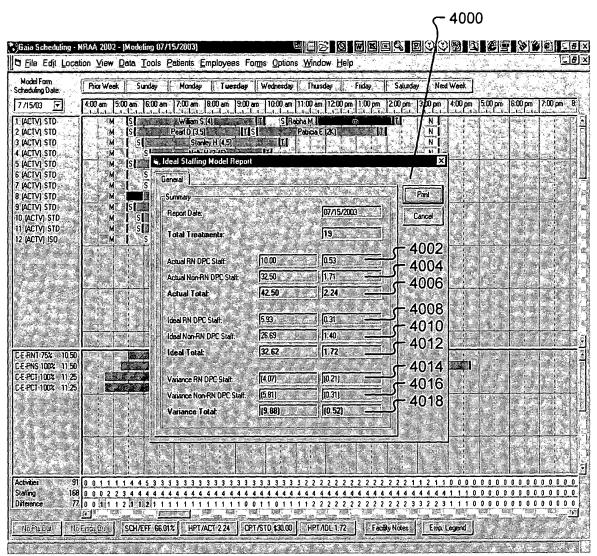


Fig. 40

Inventor. Bruce J. Thompson et al. Docket No.: 40134.1US11

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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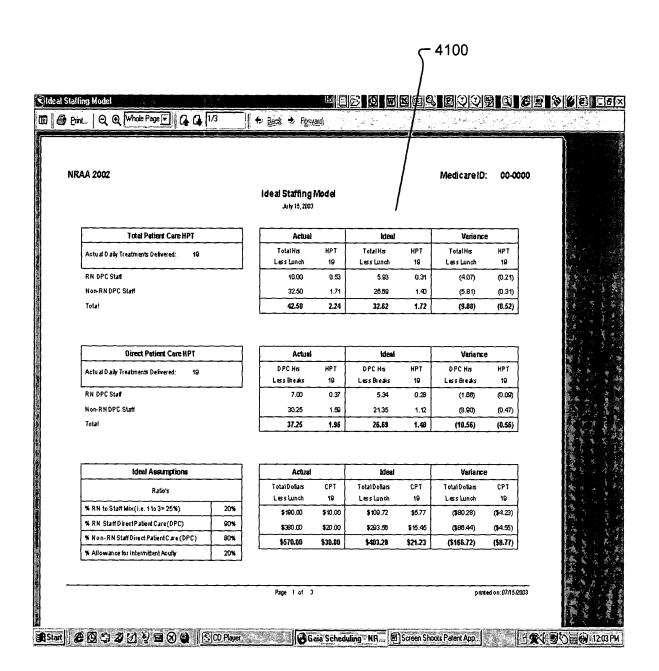


Fig. 41

Inventor Bruce J Thompson et al.

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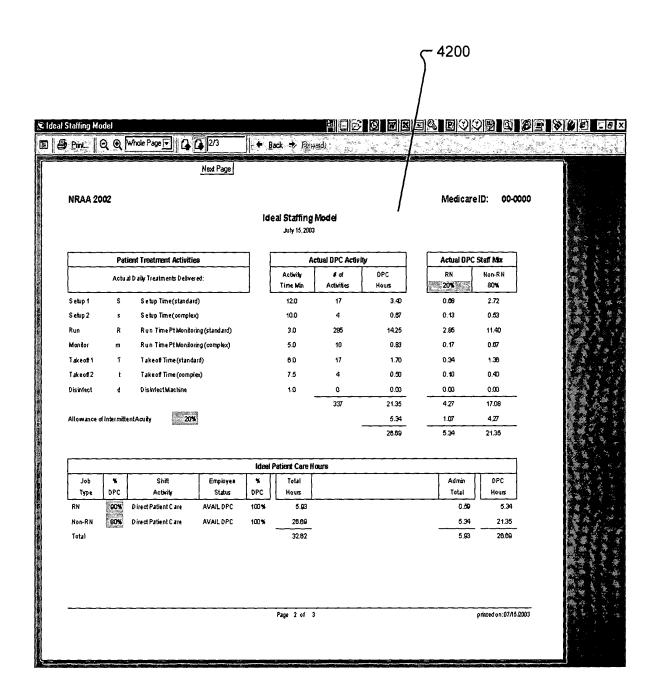


Fig. 42

Inventor Bruce J. Thompson et al. Docket No.: 40134.1US11

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4300 Mas Bas Book by Separate And Alexander 🕱 Ideal Staffing Model + Back + forward NRAA 2002 Medicare ID: 00-0000 ideal Staffing Model July 15,2003 Actual Patient Care Hours Job * Shift Employee % Total Admin DPC Type DPC Activity Status Hours Breaks Job Type E E Status Total Hours C-E-RNT 75% DPC 100% 7.00 10.50 (0.50) (3.50) (0.50) (2.50)18,50 7.00 (8.50)(0.50) (3.58) (2.50)6.68 C-E-PNS 100% DPC 100% 11.50 (0.75) 0.00 0.00 (1.25)10.25 C-E-PCT 100% DPC 100% 11.25 (0.50) (0.75) 0.00 0.00 (1.25)10.00 C-E-PCT 100% DPC 100% 11.25 (0.50) (0.75) 0.00 0.00 (1.25) 10.00 34.00 (1.50) (2.25) 0.00 0.00 (3.75) 30.25 44.50 (2.00) (2.75) (2.50) 0.00 (7.25) 37.25 Page 3 of 3 printed on:07/15/2003

Fig. 43

Inventor. Bruce J. Thompson et al.

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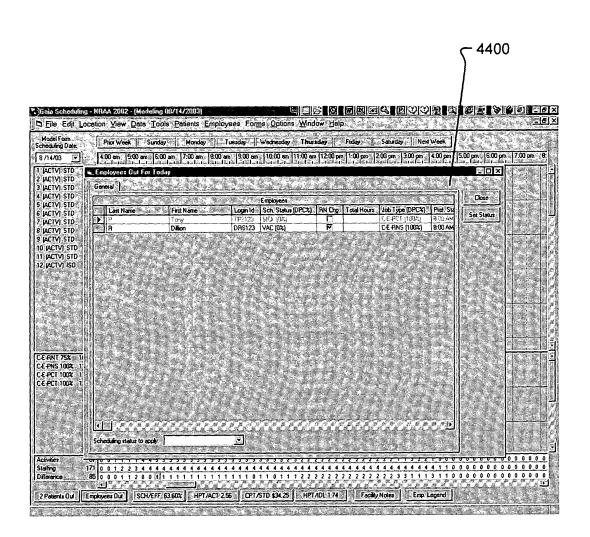


Fig. 44

Inventor Bruce J Thompson et al. Docket No.: 40134.1USI1

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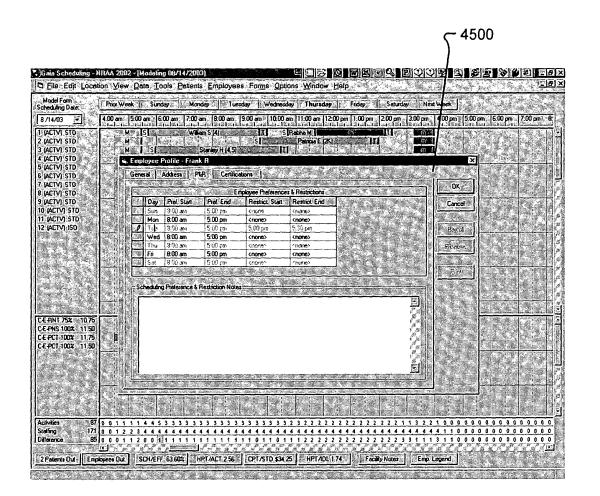


Fig. 45

Inventor Bruce J. Thompson et al. Docket No.: 40134.1USI1

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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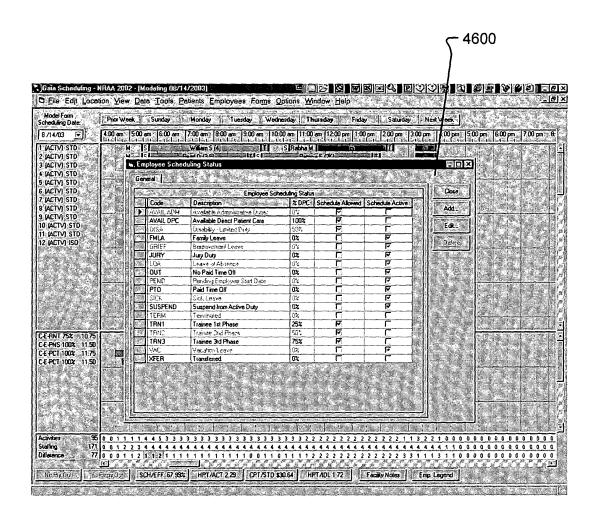


Fig. 46

Inventor. Bruce J. Thompson et al. Docket No.: 40134.1USI1

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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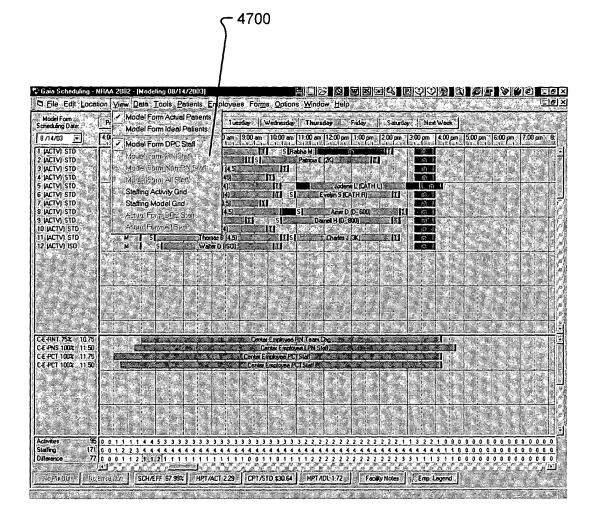


Fig. 47

Inventor. Bruce J. Thompson et al. Docket No.: 40134.1USI1

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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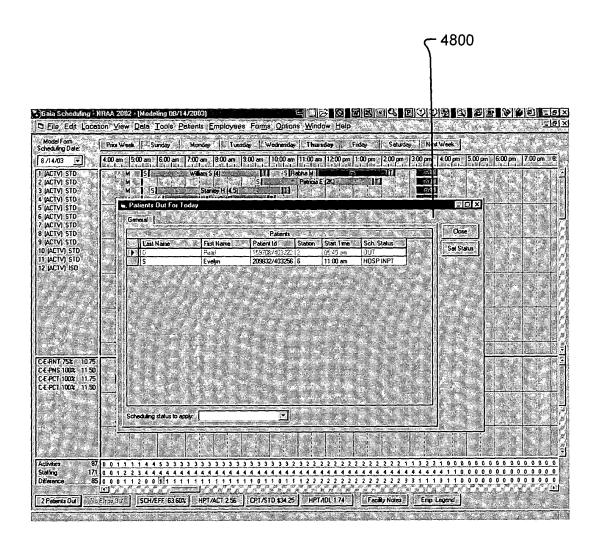


Fig. 48

Inventor Bruce J. Thompson et al. Docket No.: 40134.1USI1

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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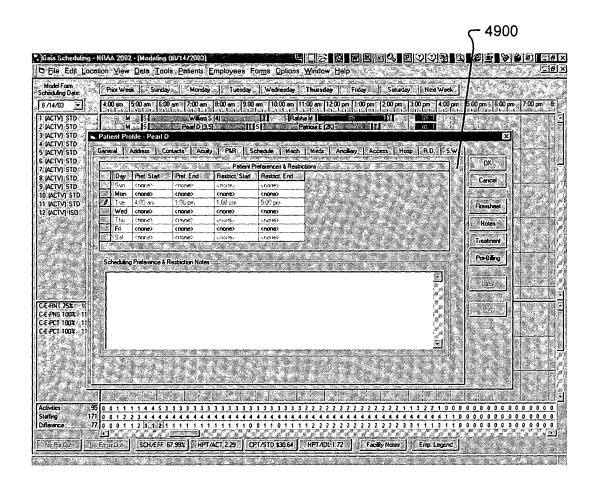


Fig. 49

Inventor Bruce J Thompson et al. Docket No.: 40134.1USJ1

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

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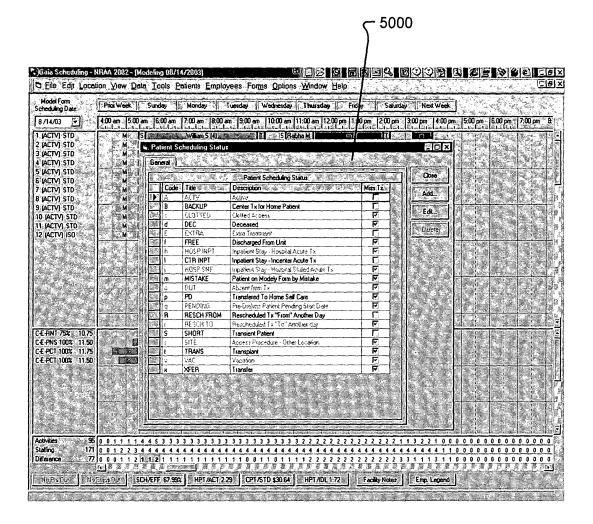


Fig. 50

Inventor Bruce J. Thompson et al. Docket No.: 40134.1USI1

Title: METHOD AND SYSTEM FOR OPTIMIZING EMPLOYEE SCHEDULING IN A

PATIENT CARE ENVIRONMENT Attorney Name: Timothy B. Scull Phone No.: 303.357.1670

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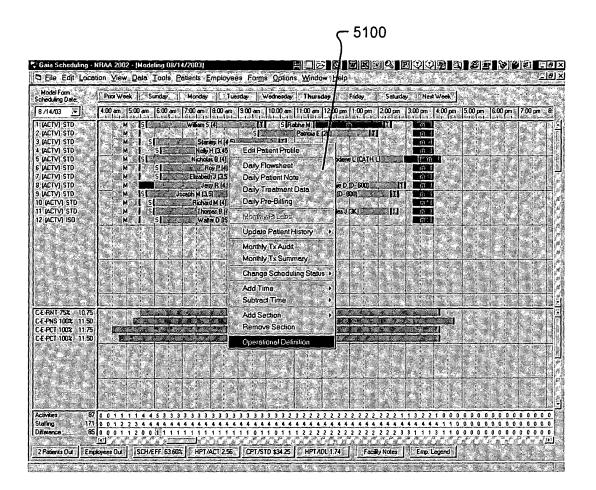


Fig. 51

Inventor Bruce J Thompson et al.
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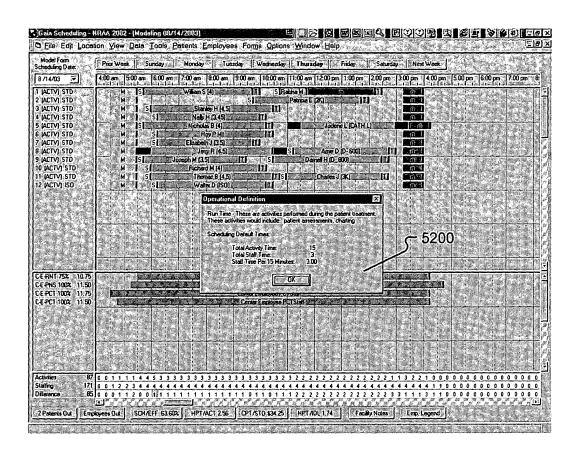


Fig. 52